

POE PIN/DATA ASSIGNMENT (PSE PERSPECTIVE)

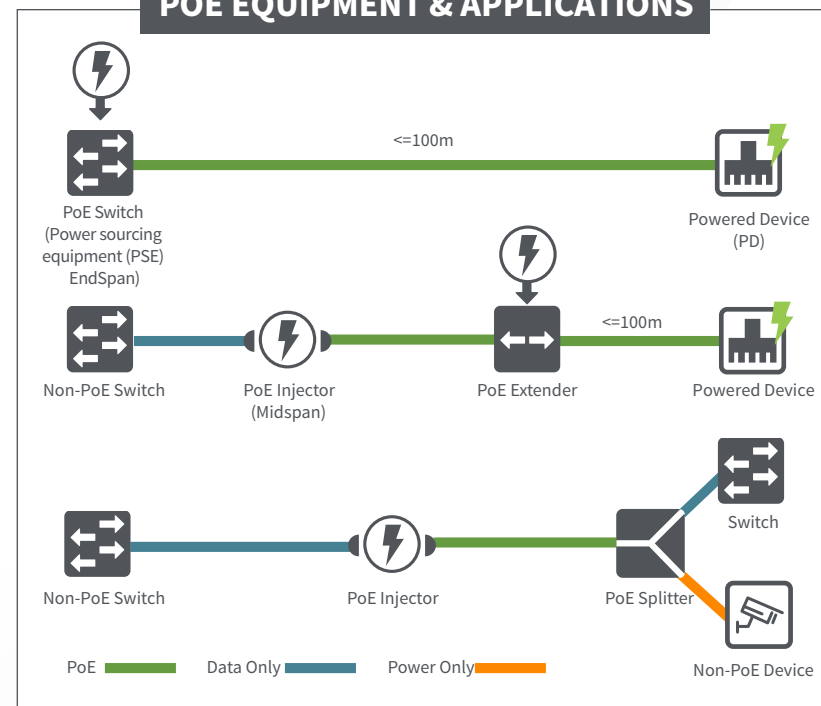
Pin at switch	TIA/EIA-568 T568B Termination	TIA/EIA-568 T568A Termination	10/100BASE-T Mode B		10/100BASE-T Mode A		1000/10GBASE-T 4-pair mode	
1	White/Orange	White/Green	Rx+	-	Rx+	DC+	TxRx A+	DC+
2	Orange	Green	Rx-	-	Rx-	DC+	TxRx A-	DC+
3	White/Green	White/Orange	Tx+	-	Tx+	DC-	TxRx B+	DC-
4	Blue	Blue	-	DC+	-	-	TxRx C+	DC+
5	White/Blue	White/Blue	-	DC+	-	-	TxRx C-	DC+
6	Green	Orange	Tx-	-	Tx-	DC-	TxRx B-	DC-
7	White/Brown	White/Brown	-	DC-	-	-	TxRx D+	DC-
8	Brown	Brown	-	DC-	-	-	TxRx D-	DC-

POE PARAMETERS BY STANDARD

Parameters	802.3af (802.3at Type 1) "PoE"	802.3at Type 2 "PoE+"	uPoE 802.3bt Type 3 "4PPoE"	802.3bt Type 4
Maximum power delivered by PSE	15.40 W	30.0 W	60.0 W	100.0 W
Voltage range (at PSE)	44.0-57.0 V	50.0-57.0 V	50.0-57.0 V	52.0-57.0 V
Maximum current	350 mA	600 mA	600 mA per pair	960 mA per pair
Power available at PD	12.95 W	25.50 W	51.0 W	71.3 W
Voltage range (at PD)	37.0-57.0 V	42.5-57.0 V	42.5-57.0 V	41.1-57.0 V
Pair Used	Mode A or B	Mode A or B	Mode A or B or 4-pair mode	4-pair mode
Setup Scheme	Hardware	Hardware (+ LLDP*)	Hardware (+ CDP*)	Hardware

*Note: Optional and vendor specific

POE EQUIPMENT & APPLICATIONS



NETALLY WIRED TESTERS



	LinkSprinter®	LinkRunner® AT 3000 LinkRunner® AT 4000	LinkRunner® 10G EtherScope® nXG
PoE Power @ PD	-	71.3 W	71.3W
PoE Voltage	37.0 - 57.0 V	37.0 - 57.0 V	37.0 - 57.0 V
PoE Injector	-	12-60V	12-60V
Setup Scheme	Hardware	Hardware + LLDP/CDP	Hardware + LLDP/CDP